

MEDICA

Products for Health Care

EasyLyte www.medicacorp.com

Na^+/K^+

$\text{Na}^+/\text{K}^+/\text{Cl}^-$

$\text{Na}^+/\text{K}^+/\text{Li}^+$

$\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$



EasyLyte

easy inside and out

- **Easy to Use**

Simple, menu-driven, Yes/No prompted operation
Whole blood, serum, plasma or urine samples
Results printed automatically in less than 60 seconds
Automatic or on-demand calibration
Automatic probe wiping

- **Easy to Maintain**

All calibrants contained in convenient, disposable solutions pack
All waste collected in solutions pack
Disposable electrodes require no maintenance
Modular design makes maintaining analyzer simple and fast

- **Easy to Afford**

Low analyzer purchase price
Low cost per test

- **Available in four models:**

- **EasyLyte** Na^+/K^+
- **EasyLytePLUS** $\text{Na}^+/\text{K}^+/\text{Cl}^-$
- **EasyLyteLithium** $\text{Na}^+/\text{K}^+/\text{Li}^+$
- **EasyLyteCalcium** $\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$





Modular, maintenance-free electrodes



Cl⁻



Internal printer prints patient results, calibration values, quality control data, and results summaries, flagging abnormal results



Pressing Yes or No buttons is all that is required to analyze serum, plasma or whole blood



K⁺



Self-contained Solutions Pack contains liquid calibrants and collects all waste, eliminates sample contact



Capillary sampler is removable and disposable



EasySampler

The modular EasySampler connects quickly to the EasyLyte Na/K, Na/K/Cl, and Na/K/Li analyzers, enhancing laboratory performance.

- 21 sample positions
- Dedicated Stat position
- Normal/Abnormal QC positions
- Optional auto-repeat of out-of-range values

Li+

pH

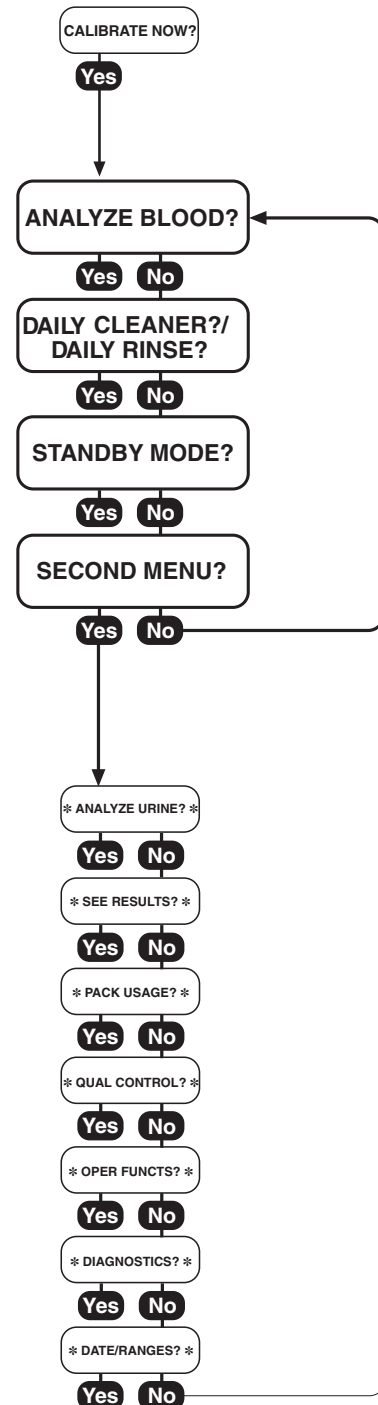
Analyzer software insures ease of operation

Software computes quality control statistics, flags abnormal results, and monitors performance.

- Two button operation
- Automatic calibration
- User-friendly menu

Ca++

Na+



Specifications

(Na⁺/K⁺, Na⁺/K⁺/Cl⁻, Na⁺/K⁺/Li⁺, Na⁺/K⁺/Ca⁺⁺/pH)

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Products for Health Care

CLIA Classification:	Moderate Complexity														
Sample Type:	Whole Blood, Serum, Plasma or Urine														
Sample Size:	100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine														
Method:	Direct measurement by Ion Selective Electrode (ISE)														
Measurement Range:	<table> <tr> <th>Blood</th><th>Urine</th></tr> <tr> <td>Na⁺: 20 – 200 mmol/L</td><td>Na⁺: 25 – 1000 mmol/L</td></tr> <tr> <td>K⁺: 0.2 – 40 mmol/L</td><td>K⁺: 1.0 – 500 mmol/L</td></tr> <tr> <td>Cl⁻: 25 – 200 mmol/L</td><td>Cl⁻: 25 – 500 mmol/L</td></tr> <tr> <td>Li⁺: 0.2 – 5.0 mmol/L</td><td></td></tr> <tr> <td>Ca⁺⁺: 0.1 – 6.0 mmol/L</td><td></td></tr> <tr> <td>pH: 6.0 – 8.0 Units</td><td></td></tr> </table>	Blood	Urine	Na ⁺ : 20 – 200 mmol/L	Na ⁺ : 25 – 1000 mmol/L	K ⁺ : 0.2 – 40 mmol/L	K ⁺ : 1.0 – 500 mmol/L	Cl ⁻ : 25 – 200 mmol/L	Cl ⁻ : 25 – 500 mmol/L	Li ⁺ : 0.2 – 5.0 mmol/L		Ca ⁺⁺ : 0.1 – 6.0 mmol/L		pH: 6.0 – 8.0 Units	
Blood	Urine														
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pH: 6.0 – 8.0 Units															

Medica Corporation
5 Oak Park Drive
Bedford, MA 01730-1413
USA

Continental US Telephone
800 777 5983

International Telephone
781 275 4892

Fax
781 275 2731

sales@medicacorp.com

www.medicacorp.com

Call for our free CD

Display Resolution:	Na ⁺ : 0.1 mmol/L K ⁺ : 0.01 mmol/L Cl ⁻ : 0.1 mmol/L
	Li ⁺ : 0.01 mmol/L Ca ⁺⁺ : 0.01 mmol/L pH: 0.005 units

	Na ⁺ /K ⁺	Na ⁺ /K ⁺ /Cl ⁻	Na ⁺ /K ⁺ /Li ⁺	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH
Analysis time (blood)	55 sec	55 sec	55 sec	60 sec
Urine Mode	Yes	Yes	Yes	No
Analysis time (urine)	90 sec	90 sec	90 sec	N/A
EasySampler	Yes	Yes	Yes	No
Capillary Samples	Yes	Yes	Yes	No

Data Storage:	Patient results — up to 128 samples QC results — up to 20 each Normal, Low, and High
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Calibration:	Automatic or On-Demand
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Output:	128 x 64 pixel graphic display 24 column thermal printer Serial port (RS-232), EasySampler port
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Ambient Conditions:	15–32°C (60–90°F), <85% humidity
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Power:	100-240 VAC 50/60 Hz, 0.8A
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Size & Weight:	9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)
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